



U.S. DEPARTMENT OF ENERGY  
Office of Electricity Delivery and Energy Reliability  
Infrastructure Security and Energy Restoration

# ENERGY ASSURANCE DAILY

Friday, August 10, 2007

## ***Electricity***

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### **Storms Knock Out Power to 137,000 Duquesne Light and Allegheny Energy Customers in Western Pennsylvania August 10**

As of this morning, 24,300 customers remained without power. Power may not be fully restored until August 11.

[http://www.pittsburghlive.com/x/pittsburghtrib/news/cityregion/s\\_521570.html](http://www.pittsburghlive.com/x/pittsburghtrib/news/cityregion/s_521570.html)

<http://www.forbes.com/feeds/ap/2007/08/10/ap4008356.html>

<http://www.altoonamirror.com/News/articles.asp?articleID=14206>

Bloomberg News, 08:54 August 10, 2007

### **Heat, Humidity Push Electricity Demand to Record Levels in Southeast August 9**

A combination of high temperatures and high humidity helped push demand to their record levels from Texas to Florida and on north along the Atlantic to Virginia. Southern Company, TVA, Duke, Progress Energy, and SCANA were among the utilities reporting all-time highs for demand.

Reuters, 13:45 August 10, 2007

[http://www.11alive.com/news/article\\_news.aspx?storyid=101504](http://www.11alive.com/news/article_news.aspx?storyid=101504)

<http://biz.yahoo.com/prnews/070810/clf040.html?v=84>

<http://biz.yahoo.com/prnews/070810/clf035.html?v=97>

### **Ameren Crews Prepare to Handle High Electricity Demand During Heat Wave in Missouri**

With temperatures hitting over the 100 degree mark this week, AmerenUE is on the alert with crews ready to respond to service interruptions as equipment is stressed by both the prolonged high temperatures and the high volumes of electricity flowing through the system.

<http://ameren.mediaroom.com/index.php?s=43&item=361>

### **Southern's 883 MW Hatch Nuke Unit 2 in Georgia Exits Outage August 10**

According to a filing with the Nuclear Regulatory Commission, the unit had exited an outage and ramped up to 34 percent of capacity by early morning on August 10. The unit was shut on August 8 when a circuit failed during a test resulting in a partial loss of the condensate feedwater system. That in turn led to a drop in the level of water in the reactor which triggered the shutdown.

Reuters, 07:28 August 10, 2007

### **TXU's 575 MW Big Brown Coal-fired Unit 1 in Texas Shut August 9**

According to a filing with state regulators, the unit was shut when a problem developed with an oil pump on a booster fan. The company stated that the start up time would be minimized by placing the control equipment into service at the earliest possible time as soon as minimum operating temperatures are reached. TXU announced that it would restart the unit later on August 10.

<http://www2.tceq.state.tx.us/eer/main/index.cfm?fuseaction=getDetails&target=95676>

Reuters, 10:25 August 10, 2007

Bloomberg News, 12:26 August 10, 2007

### **Exelon's 619 MW Oyster Creek Nuke Unit in New Jersey Reduced to 70 Percent August 10**

According to a report from the Nuclear Regulatory Commission, by early morning on August 10 the unit was operating at 70 percent of capacity.

Reuters, 07:26 August 10, 2007

### **Update: PG&E's 404 MW Helms Pumped Storage Unit 1 in California Back in Service August 9**

According to a report filed with state regulators, the unit was back in service by the afternoon of August 9. The unit had been offline for approximately one week because of a malfunction in the electronic control system.  
Reuters, 22:10 August 7, 2007

### **SCE's 287 MW Big Creek Hydro Unit in California Shut August 9**

Reuters, 21:50 August 9, 2007

### **AES's 233 MW Buffalo Gap 2 Wind Farm Expansion Online in Texas August 9**

AES announced that the Buffalo Gap 2 expansion began commercial operation on August 9. The expansion brings the total capacity of the project to 354 MW.  
Reuters, 12:57 August 10, 2007

### **Westmoreland Power Proposes 500 MW Power Plant in North Dakota August 9**

<http://www.forbes.com/feeds/ap/2007/08/09/ap4004499.html>

### **Thieves Steal Copper Wire from AEP Substation in West Virginia, Leaving 300 Customers Without Power**

<http://www.wtrf.com/story.cfm?func=viewstory&storyid=27419>

## ***Petroleum***

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### **Refiners Buying Gasoline as Weather Models Show Potential for Hurricane Developing in Gulf of Mexico by August 19-22.**

OPIS 03:03 August 10, 2007

### **Update: Husky's 165,000 b/d Lima, Ohio Refinery Operating at Full Capacity August 10**

Husky Energy announced that the refinery was operating at full capacity. The refinery reduced operations and subsequently shut down July 19-20 following a fire in an electrical substation located at the plant.  
Bloomberg News, August 10, 2007

### **Update: Crude Unit Restarting at ConocoPhillips's 185,000 b/d Trainer, Pennsylvania Refinery August 10**

According to media reports, the unit was in restart mode on August 10. A fluidic catalytic cracking (FCC) unit at ConocoPhillips's 238,000 b/d Linden, New Jersey refinery remains offline.

OPIS 12:58 August 10, 2007

Bloomberg News, August 10, 2007

### **Malfunction Reported at ConocoPhillips's 146,000 b/d Borger, Texas Refinery August 9**

According to a filing with state regulators, the company reported an equipment malfunction in Area B of the plant began at 8:30 a.m. local time and is expected to last until August 15.

<http://www2.tceq.state.tx.us/ee/main/index.cfm?fuseaction=getDetails&target=95663>

Reuters, 18:47 August 9, 2007

### **Marathon Contemplates Expansion at its 100,000 b/d Detroit, Michigan Refinery August 9**

According to a report from OPIS, Marathon may upgrade and expand its Detroit refinery to process heavier crude oil. The company is considering increasing capacity from 100,000 b/d to 115,000 b/d in a move that would compliment Marathon's recently announced acquisition of Western Oil Sands.

OPIS 03:42 August 9, 2007

### **PdVSA Delays Maintenance of 300,000 b/d Cardon Refinery in Venezuela Until 2008**

Plans to shut the fluid catalytic cracking (FCC) unit at the Cardon refinery have been delayed until 2008. PDVSA has not set a new date for maintenance.

<http://www.platts.com/Oil/News/7588356.xml?p=Oil/News&sub=Oil>

### **FERC Approves Plan to Double Storage Capacity at Elba Island LNG Terminal in Georgia**

FERC staff prepared a positive final environmental impact statement (EIS) for Southern LNG Inc., Elba Express Company, LLC (EEC), and Southern Natural Gas Company's Elba III Project. The project includes the addition of two aboveground liquefied natural gas (LNG) storage tanks at the existing Elba Island LNG Import Terminal near Savannah, Georgia; about 187 miles of new pipeline in Georgia and South Carolina; a new 10,000-horsepower compressor station in Georgia; and associated aboveground facilities.

<http://www.ferc.gov/industries/lng/enviro/eis/2007/08-03-07-eis.asp>

<http://new.savannahnow.com/node/340433>

### **FERC Approves Proposed 1 Bcf/d Calhoun LNG Terminal and Pipeline Project in Texas**

The FERC staff has prepared a positive final environmental impact statement (EIS) for Calhoun LNG, L.P. and Point Comfort Pipeline Company, L.P.'s proposed Calhoun LNG Terminal and Pipeline Project. The proposed Project would include the construction and operation of a new LNG receiving terminal capable of accommodating about 120 LNG vessels per year, two full containment LNG storage tanks, associated LNG vaporization and processing equipment, approximately 27.1 miles of 36-inch-diameter natural gas pipeline, two approximately 0.5-mile-long 8- and 16-inch-diameter natural gas pipeline laterals, ten natural gas pipeline interconnects, and associated pipeline facilities. These proposed facilities would be constructed and operated in Calhoun and Jackson Counties, Texas and LNG vessels utilizing the terminal would traverse approximately 22 miles of the Matagorda Ship Channel.

<http://www.ferc.gov/industries/lng/enviro/eis/2007/08-10-07-eis.asp>

### **Suez Receives Necessary State Permits to Build 400-750 MMcf/d Neptune Deepwater LNG Port Offshore Massachusetts**

Suez LNG North America LLC announced today that it has received all necessary permits from the Commonwealth of Massachusetts to begin construction of the buoy system and pipeline connection for the Neptune Deepwater Port facility, the company's offshore LNG terminal to be located approximately 10 miles off the coast of Gloucester, Massachusetts. Having secured these permits, the company also announced that it has entered into three major contracts necessary for the construction of these components of the project in Massachusetts Bay. Suez LNG has already obtained to approval to build the facility from the U.S. Maritime Administration/Coast Guard but is awaiting final federal environmental permits. The Neptune project will provide an average of 400 MMcf/d. On very cold days and other periods of peak demand, Neptune can increase its delivery rate to 700 MMcf/d.

<http://www.suezenergyna.com/press/documents/NeptuneSecuresAllStatePermits8-07.pdf>

<http://www.ferc.gov/industries/lng/indus-act/terminals/exist-prop-lng.pdf>

<http://www.neptunelng.com/>

### **Freeze-Off Reported at 290 MMcf/d Waha Gas Plant in Texas August 9**

According to a filing with state regulators, the cryogenic plant experienced a freeze-off that lasted from approximately 9:50 p.m. on August 9 until 3:10 a.m. on August 10.

<http://www2.tceq.state.tx.us/ee/main/index.cfm?fuseaction=getDetails&target=95682>

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## **Other News**

Nothing to report.

U.S. Oil and Gas Prices August 10, 2007			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	71.50	75.71	74.00
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	6.57	6.34	7.95

Source: Reuters

## Energy Notes

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### **Storm Knocks Out Power to 18,000 Ohio Edison Customers in Ohio August 9**

<http://www.newsnet5.com/news/13863713/detail.html>

### **Traffic Accident Knocks Out Power to 14,000 PSO Customers in Oklahoma August 9**

<http://www.kotv.com/news/local/story/?id=133480>

### **Storm Knocks Out Power to 14,000 Westar Energy Customers in Kansas August 9**

<http://wichita.bizjournals.com/wichita/stories/2007/08/06/daily19.html>

### **Storm Knocks Out Power to 10,000 Manitoba Hydro Customers in Manitoba, Canada August 10**

<http://winnipegsun.com/News/Winnipeg/2007/08/10/4408115.html>

### **San Francisco Board of Supervisors Approves 400 MW Trans Bay Underwater Cable Project in California August 8**

[http://www.fox6.com/news/state/story.aspx?content\\_id=e2202913-2847-4c26-ab21-51c72832e497&rss=801](http://www.fox6.com/news/state/story.aspx?content_id=e2202913-2847-4c26-ab21-51c72832e497&rss=801)

### **NRC Approves 20-Year License Extension for Progress Energy's Shearon Harris Nuclear Plant in North Carolina August 9**

<http://powermarketers.netcontentinc.net/newsreader.asp?ppa=8knpp%5E%5Bnuqikqv%5BSmkt%3EEvbfem%5Ev>

### **Construction of 563 MW Hybrid Gas-Solar Power Plant in California May Disturb Archaeological Sites**

<http://powermarketers.netcontentinc.net/newsreader.asp?ppa=8knpp%5E%5BnuqkoqlSSmkt%3EEvbfem%5Ev>

### **MSAT Files New Cost Allocation Proposal with FERC for New Transmission Lines at or Above 345 kV**

<http://tdworld.com/news/msats-wolverine-file-cost-sharing/>

### **FERC Approves Ozark Gas Transmission to Uprate System Capacity from 330 MMcf/d to 400 MMcf/d to Accommodate Increased Production from Fayetteville Shale in Arkansas**

NGI's Daily Gas Price Index August 10, 2007

### **Three Miners Killed in Coal Mine Accident in Indiana**

Reuters, 13:28 August 10, 2007

## **Worker Killed at Motiva's Port Arthur, Texas Refinery August 9**

Bloomberg News, 07:54 August 10, 2007

## **Nigerian Militant Group MEND Threatens to Continue Attacks Against Energy Facilities Until Government Addresses Poverty and Social Problems in Nigeria August 9**

[http://www.rigzone.com/news/article.asp?a\\_id=48812](http://www.rigzone.com/news/article.asp?a_id=48812)

## **British Oil-Industry Worker Kidnapped in Nigeria August 10**

[http://www.rigzone.com/news/article.asp?a\\_id=48866](http://www.rigzone.com/news/article.asp?a_id=48866)

## **Venezuela and Bolivia Form Joint Venture to Explore for Oil and Gas**

Reuters, 10:38 August 10, 2007

## **Links**

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***This Week in Petroleum*** from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

***Weekly Petroleum Status Report*** from EIA

[http://www.eia.doe.gov/oil\\_gas/petroleum/data\\_publications/weekly\\_petroleum\\_status\\_report/wpsr.html](http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html)

Updated after 10:30 AM & 1:00 PM EST every Wednesday.

***Natural Gas Weekly Update*** from EIA

<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EST every Thursday.

### **ENERGY ASSURANCE DAILY**

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<http://www.oe.netl.doe.gov/index.aspx>.

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